

## Drinking Water State Revolving Fund (DWSRF) 2009 Economic Recovery Funding Program Application Form

Applicant Information							
<b>Applicant Organization:</b>	Seattle Public Utilities (SPU)						
<b>Contact:</b>	Dave Hilmoie						
<b>Address:</b>	700 5th Ave, Suite 4900, PO Box 34018						
<b>City</b>	Seattle	<b>State</b>	WA	<b>Zip Code</b>	98104	<b>County</b>	King
<b>Phone:</b>	206-684-7414		<b>Email:</b>	dave.hilmoie@seattle.gov			
<b>Do you have a current approved Water System Plan or Small Water System Management Program?</b>						<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
<b>Is your proposed project included in your plan or program?</b>						<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
<b>Have you already begun construction on this project?</b>						<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
<b>APPLICANT REQUESTS BEING CONSIDERED FOR LOW-MODERATE INCOME STATUS (NOTE):</b> You must be prepared to provide documentation that your community is low-moderate income using either Census 2000 data or an independently-conducted income survey):						<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
Project Information							
<b>Project Name</b> Morse Lake Power Supply Project							
<b>Project Description</b>							
<p>SPU currently mobilizes temporary, barge-mounted pump stations to access water below elevation 1538 in Chester Morse Lake. The water is pumped from Chester Morse Lake to Masonry Pool for water supply during emergency drought conditions. The pumps powered by diesel-powered electric generators. To eliminate the possibility of a diesel spill in the reservoir related to the existing emergency pumping activities, construction of a permanent power source to the existing site is proposed. The power would eventually be available to serve a new land-based permanent pumping plant (Chester Morse Lake Pumping Plant Project) currently in the planning stages that is proposed for construction in 2010.</p> <p>The Power Supply Project (PSP) will be constructed in two phases. Phase I will include a 26kV overhead powerline emanating from a new substation located near Seattle City Light's (SCL) Cedar Falls Facility and extending to Masonry Dam. Phase I of the PSP is being designed, permitted, and constructed by SCL (or their contractor). Phase II of the PSP will be an underground 26kV duct bank that will connect to the Phase I overhead line at the Masonry Dam. The underground 26kV duct bank will extend from the Masonry Dam to the existing pumping plant site and is being designed, permitted, and constructed by SPU (or their contractor). See Index Maps 1 through 3 – Power Supply Project in Appendix A of the Environmental Checklist for location of the project features and the alignment of the PSP.</p> <p>The PSP consists of: 115 kilovolt (kV) switchyard; overhead and buried 26 kV feeder lines; and generator station site (trailer mounted generators, distribution gear enclosure, transformers, diesel storage tank, load bank, and fueling containment pad).</p>							
<b>Does the water system have service meters on all existing services?</b>						<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
<b>If "NO", does the project include metering of all unmetered services?</b>						<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	

Need for Project			
Describe Public Health Need    Need to replace existing aging underwater cables;			
need to relocate generators to reduce possibility of contamination of water supply.			
Describe Compliance    Need			
Need to be able to pump during drought conditions.			
Describe Other Needs			
Scope of Work (list what you will do, along with schedule)		Budget (Costs)	
What	When	What	How much
Engineering/Design	3/2009	Engineering/Design	\$562,000
		Land/ROW acquisition	
		DOH Review/Approval Fees	
Permits	4/2009	Permits	\$150,000
		Environmental/Cultural Review	
Construction	12/2009	Construction	\$5,288,000
		Audit costs	
		Service meters (purchase & installation)	
*Total prj cost is \$6.3M, request is \$6M		Other (describe)	
<b>TOTAL</b>			<b>\$6,000,000</b>

\_\_\_\_\_  
Signature of Authorized Official

\_\_\_\_\_  
Date

The Department of Health is an equal opportunity agency. For persons with disabilities, this document is available on request in other formats. To submit a request, please call 1-800-525-0127 (TTY 1-800-833-6388). This and other forms are available at <http://www.doh.wa.gov/ehp/dw>